REMARKS

In the Office Action, the Examiner noted that Claims 1 through 17 were pending in the Application. The Examiner rejected Claims 1, 2, 4-16 and 17, objected to Claim 3 and allowed Claim 16. In this Amendment, Claim 2 has been canceled, and its subject matter added to Claim 1. Various other claims have been amended to correct informalities found therein. Claims 1 and 3 - 17 are now pending in this Application. Applicants traverse the rejections below.

I.   Traversal of the Rejection under 35 U.S.C. Section 112

Claim 8 was rejected under 35 U.S.C. Section 112, second paragraph for insufficient antecedent basis. In the Amendment, Claim 8 has been amended to rectify this informality. The Examiner's identification of this informality is appreciated.

II.   Traversal of the Rejections over the Cited Art

The Examiner rejected Claims 1, 4, 5, 7, 9 and 12 under 35 U.S.C. 102(e) as being anticipated by U.S. Patent 6,622,157 to Heddaya. The Examiner rejected Claims 15 and 17 under 35 U.S.C. Section 103(a) as being unpatentable over Heddaya in view of U.S. Patent No. 5,954,797 to Sidey. The Examiner rejected Claims 8, 10 and 11 under 35 U.S.C. Section

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103(a) as being unpatentable over Heddaya in view of "Official Notice". The Examiner rejected Claim 2 as being unpatentable over Heddaya and further in view of Sidey and U.S. Patent No. 6,671,745 to Mathur et al. (Mathur). The Examiner rejected Claims 6, 13 and 14 as being unpatentable over Heddaya and further in view of U.S. Patent No. 6,490,682 to Vanstone et al (Vanstone). Applicants traverse these rejections below.

A.   The Present Invention

The present invention provides a technique for communicating with a mobile data processing device by way of a mobile software agent. Any application, such as a banking application which permits cash withdrawals from ATMs, can be represented as a mobile software agent. The mobile software agent is spread across a network to all terminals with cash dispensing functions. The terminals include a communication component having a mobile software agent interface function component and a mobile chipcard interface function component. The mobile software agent interface component provides support functions for receiving and installing the mobile software agent. The chipcard interface component safeguards the communication with the chipcard. The mobile software agent evaluates the information delivered to it from the mobile software agent interface component and then installs itself on the terminals as appropriate. Chipcard-related events are notified via the chipcard interface component to the mobile software agent which, after classifying the chipcard concerned, performs the actions on the chipcard. By implementing these interface components on every terminal in the network, administration of the chipcards in the network can be controlled from the backend system (server).

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B.   Differences between the Claims and the Cited Art

Claims 1 and 3 - 14

    Claim 1 has been amended to include the subject matter of Claims 1 and 2. Original Claim 2 was rejected over a combination of Heddaya, Sidey and Mathur. In part, amended Claim 1 now recites (from Claim 2) "one or more action components to perform specific actions on the mobile data processing device dependent on results from the classification component." Relative to this subject matter, the Office Action cites a passage from Col. 10, lines 39-47 of Sidey. However, this passage does not teach, suggest or disclose the cited subject matter. Rather, the passage states that the "comparison engine 107 examines each node"..." to determine what changes may be **proposed** to the system operator to convert the managed modes [sp] from one class to another." No actions are performed. Rather, changes are proposed to the system operator, which is typically a person. No action component is taught, suggested or disclosed. Accordingly, Applicants submit that Sidey does not teach all the subject matter from amended Claim 1 that it is alleged to teach.

    Amended Claim 1 now also recites "the mobile software agent includes an event-handling component to handle events communicated via the mobile data processing device interface component relating to the status of the mobile data processing device". Relative to this subject matter, a passage from Col. 8, lines 62-65 of Mathur is cited. This passage states that "the operating environment of various embodiments of the invention is event driven. GWES [graphics, windows, and events subsystem] module includes components to handle events, which in one embodiment of the invention are implemented as messages." This has nothing to do with the recited subject matter from amended Claim 1. Mathur is not directed to a mobile software agent. Mathur does not handle events communicated via a mobile data processing device interface component. Mathur does not teach, suggest or disclose handling events relating to the status of a mobile data processing device. Accordingly, Applicants submit that Mathur does not teach, suggest or disclose the subject matter from amended Claim

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1 that it is alleged to teach.

Further, no convincing line of reasoning has been provided for combining the teachings of Mathur with those of Sidey and/or Heddaya. Mathur is directed to application program interfaces and structures in a resource limited operating system. Neither Sidey, Heddaya or the present invention have anything to do with operating systems. No reason is provided for combining the operating system subject matter of Mathur with the networking technology of Sidey and Heddaya. Accordingly, Applicants submit that the combination of references is improper.

Accordingly, Applicants submit that amended Claim 1 patentably distinguishes over the cited art. It follows that dependent Claims 3 - 14 also distinguish over the cited art.

Claims 15 and 17

Independent Claims 15 and 17 were rejected over the combination of Heddaya and Sidey discussed above relative to Claim 1. Similarly to amended Claim 1, Claim 15 recites "performing actions of the mobile software agent on the mobile data processing device via the mobile data processing device interface component dependent on results of said classifying step."

Relative to this subject matter, the Office Action cites a passage from Col. 10, lines 39-47 of Sidey. However, this passage does not teach, suggest or disclose the cited subject
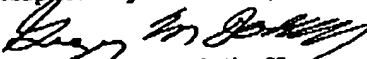
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matter. Rather, the passage states that the "comparison engine 107 examines each node"..." to determine what changes may be **proposed** to the system operator to convert the managed modes [sp] from one class to another." No actions are performed. Rather, changes are proposed to the system operator, which is typically a person. No performing the actions of a mobile software agent is taught, suggested or disclosed in Sidey. Accordingly, Applicants submit that Sidey does not teach all the subject matter from Claim 15 that it is alleged to teach, and that Claim 15 patentably distinguishes over the cited combination of art.

Since Claim 17 was rejected under the same rational as Claim 15, it follows that Claim 17 also distinguishes over the cited art.

III.   Summary

Applicants have presented technical explanations and arguments fully supporting their position that the pending claims contain subject matter which is not taught, suggested or disclosed by the cited art. Accordingly, Applicants submit that the present Application is in a condition for Allowance. Reconsideration of the claims and a Notice of Allowance are earnestly solicited.

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